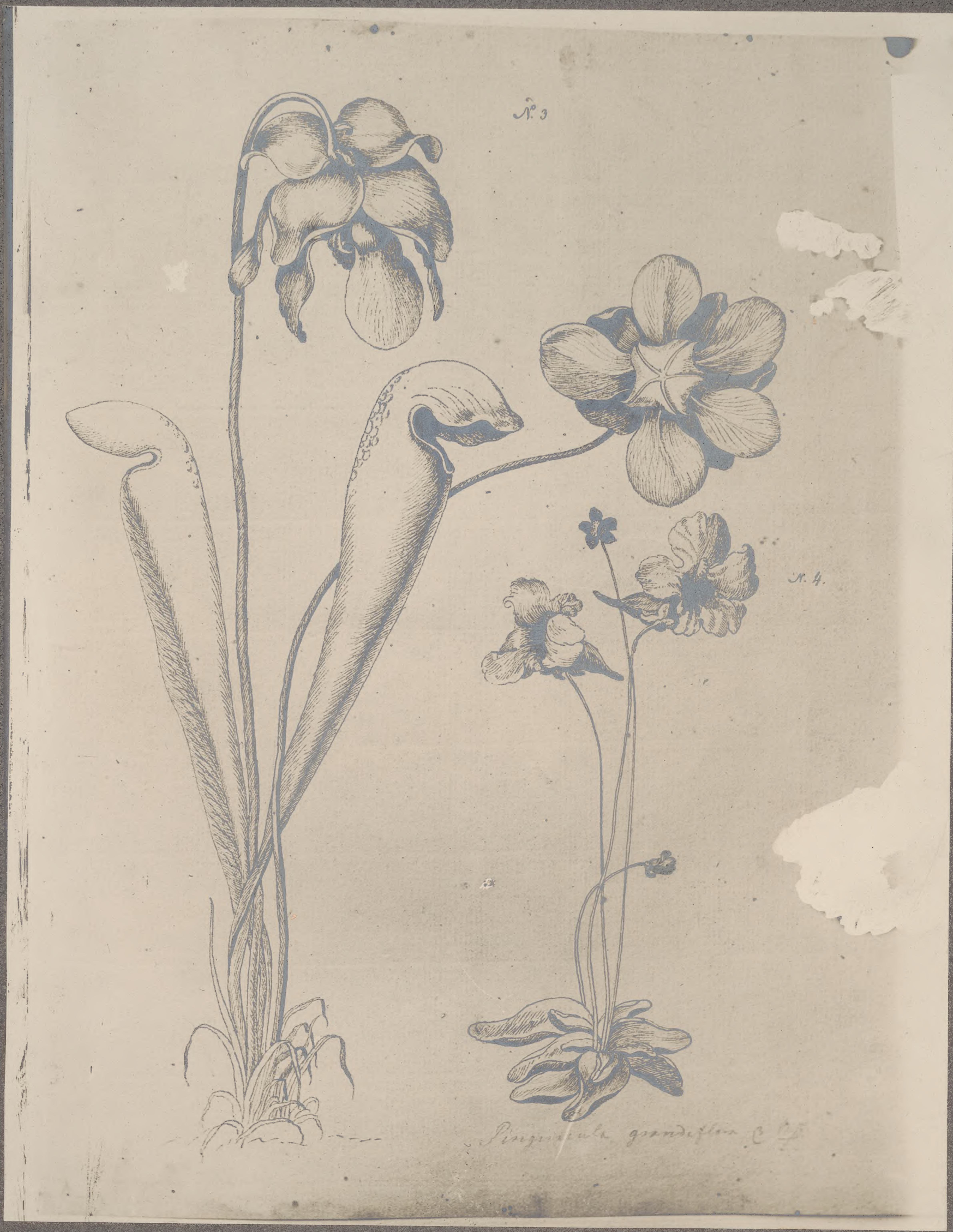
MISSOURI BOTANICAL [illegible] LIBRARY.


N.o 3
N. 4
Pinguicula grandiflora C

PHOTOGRAPHIC REPRODUCTION OF LINE DRAWING
Made by WILLIAM BARTRAM
of
SARRACENIA VARIOLARIS and PINGUICULA ELATIOR

The original was sent by Bartram to Dr. Fothergill, a London botanist, and is now in South Kensington Museum, London.

1

1)

a 1

Bartram William and John

Reproductions of specimens letters drawings,

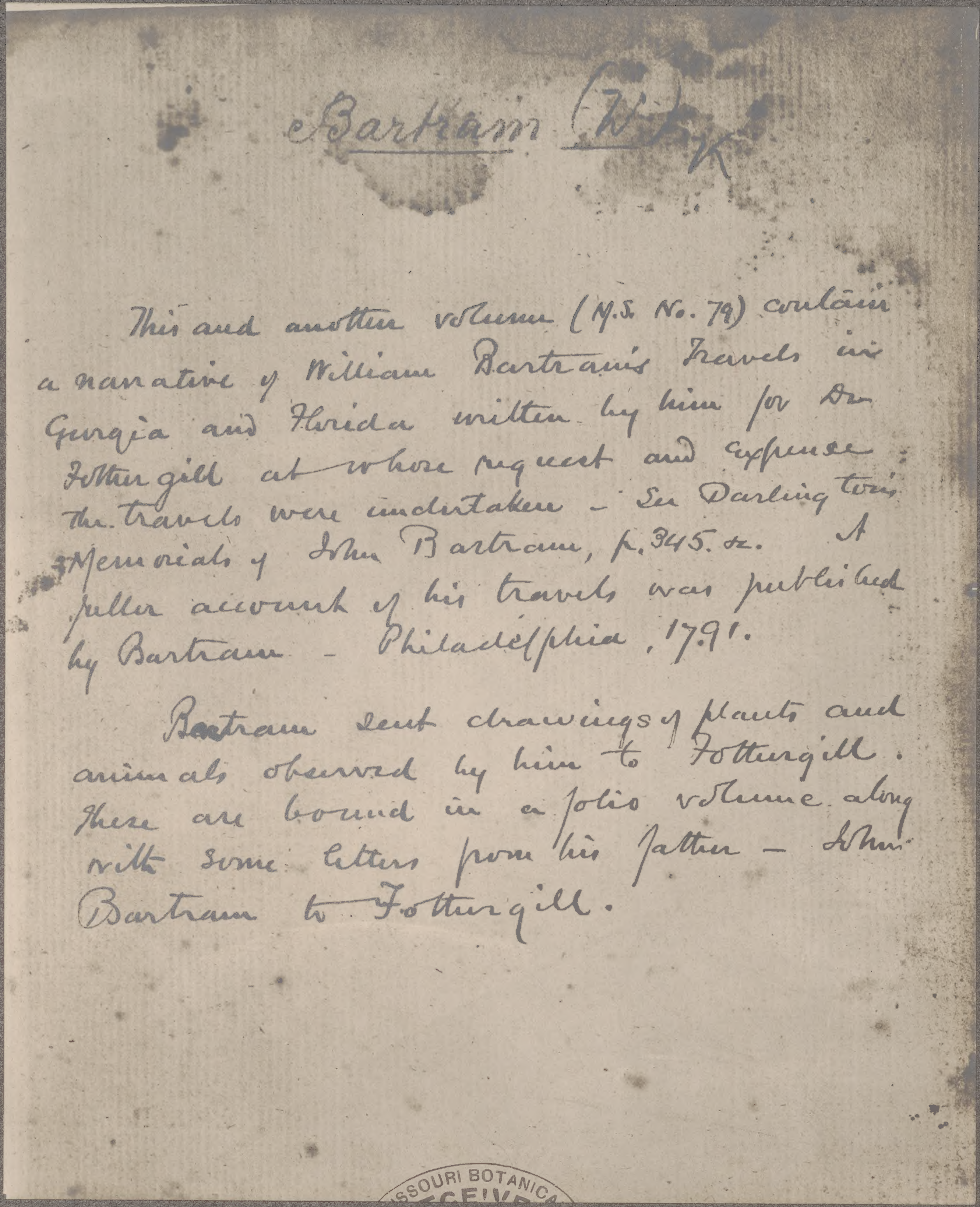
1) herbarium spec. sent by John Bartram
to Sir John Sloane 1742-43
2) letters from John Bartram to Dr. Fothergill
3) Front page Wm Bartram Diary -
4) remainder black + white drawings of
plants sent by Wm Bartram to Dr. Fothergill

(Photographic reproduction of line
drawing made by Wm Bartram
of
Sarracenia variolaris + pinguicula elator

according to letter there should be 16 reproduction
only 14 when cat'd - 3-22-44 B. 25.00

Cannot find records of Dr. Trelease's cataloguing)

Bartram Memorial Committee, Pa.



Bartram (W.)

K

This and another volume (M.S. No. 79) contain a narrative of William Bartram's Travels in Georgia and Florida written by him for Dr Fothergill at whose request and expense the travels were undertaken — See Darlington's Memorials of John Bartram, p. 345. &c. A fuller account of his travels was published by Bartram — Philadelphia, 1791.

Bartram sent drawings of plants and animals observed by him to Fothergill. These are bound in a folio volume along with some letters from his father — John Bartram to Fothergill.

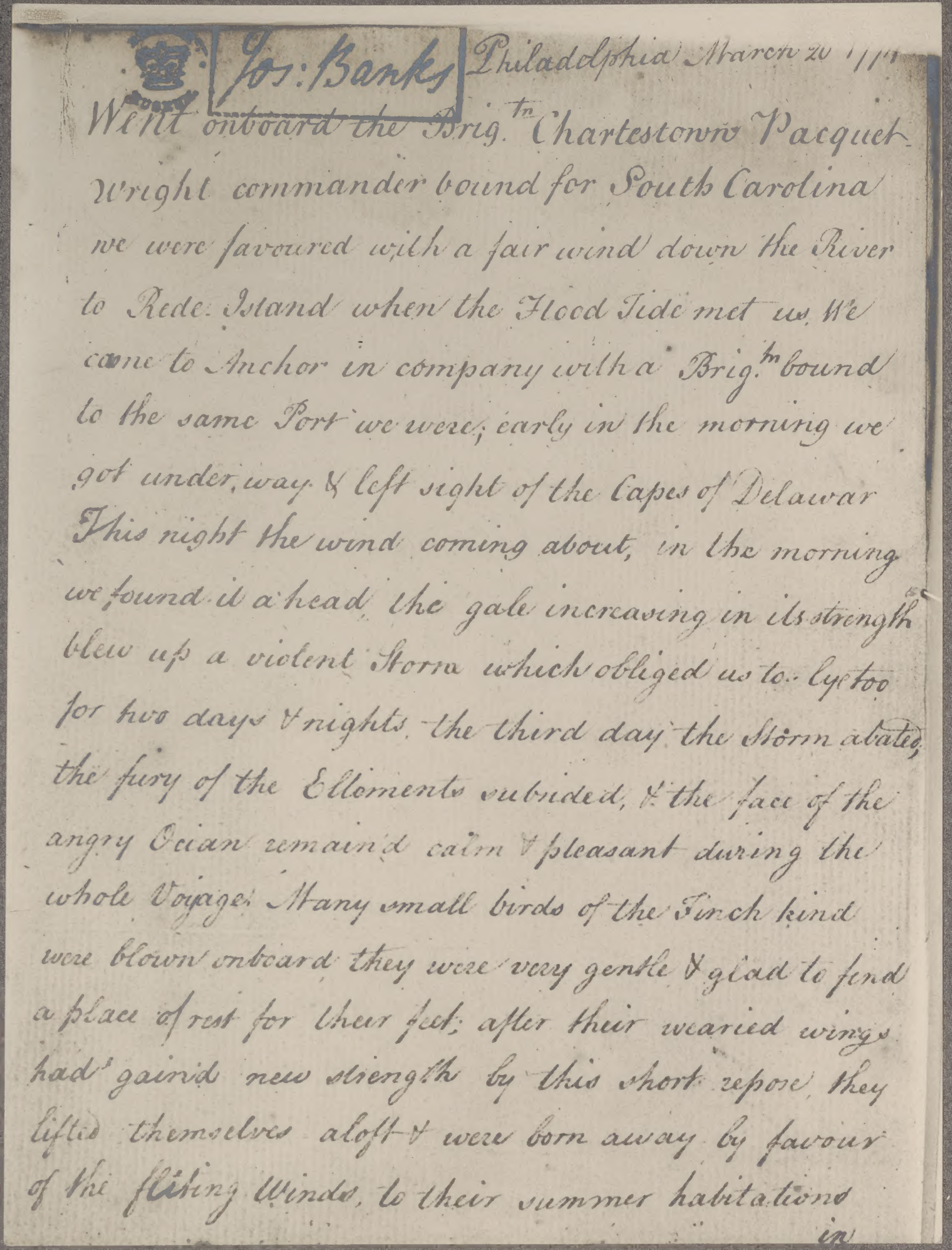
SSOURI BOTANICA
ECEIVE

7a1

Bartram, William + John

Reproduction of Specimens of letters drawings

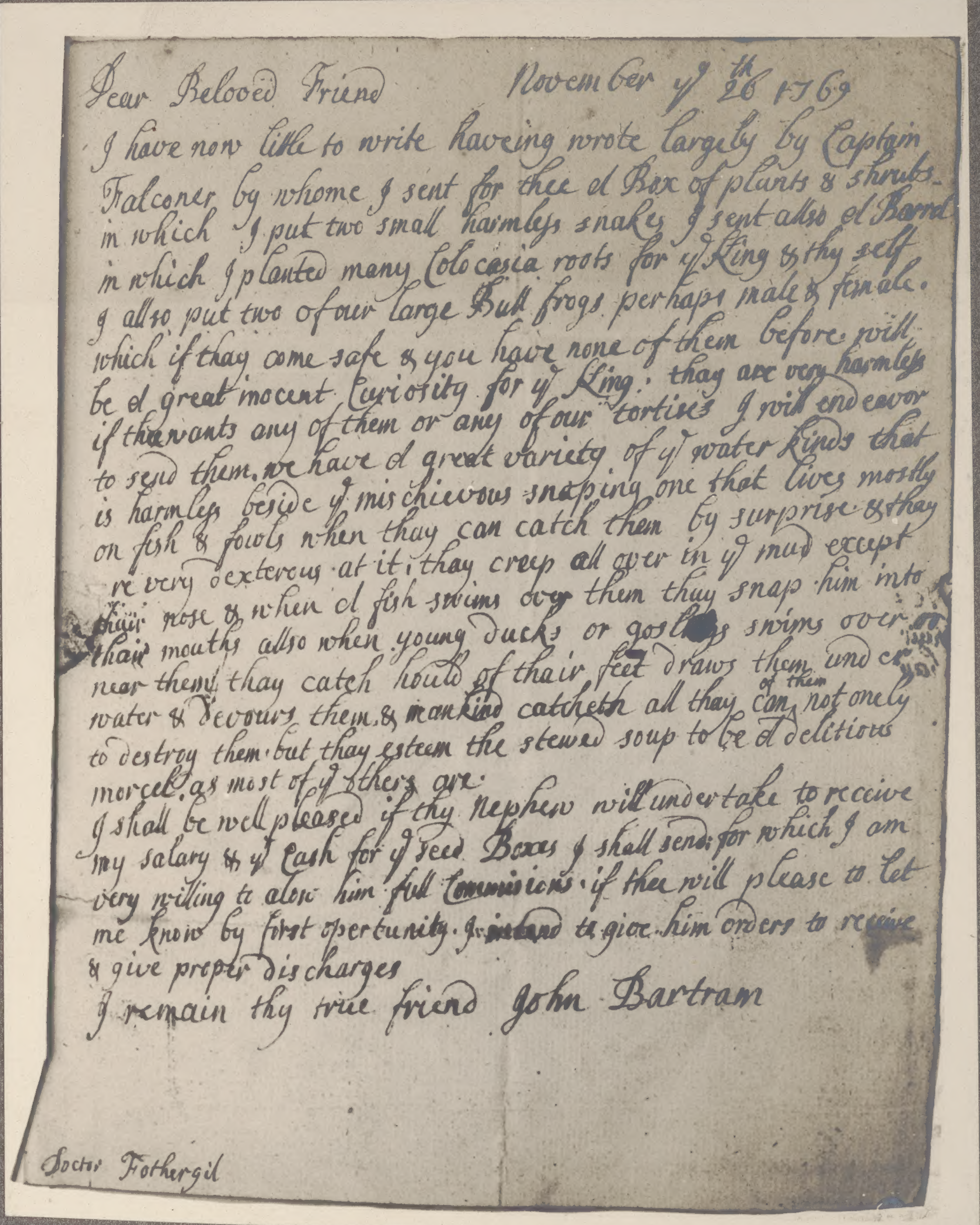
1) herbarium spec. sent by John Bartram to Sir Hans Sloane
2) letters from John Bartram to Dr. Fothergill
3) front page Wm Bartram diary
4) remainder black + white drawings plants sent to Dr. Fothergill



Jos: Banks

Philadelphia March 20 177

Went onboard the Brig.tn Charlestown Pacquet
Wright commander bound for South Carolina
we were favoured with a fair wind down the River
to Rede-Island when the Flood Tide met us. We
came to Anchor in company with a Brig.tn bound
to the same Port we were; early in the morning we
got under way & left sight of the Capes of Delawar
This night the wind coming about, in the morning
we found it a head the gale increasing in its strength
blew up a violent Storm which obliged us to lye too
for two days & nights. the third day the Storm abated,
the fury of the Elloments subsided, & the face of the
angry Ocian remain'd calm & pleasant during the
whole Voyage. Many small birds of the Finch kind
were blown onboard they were very gentle & glad to find
a place of rest for their feet; after their wearied wings
had gain'd new strength by this short repose, they
lifted themselves aloft & were born away by favour
of the fliting Winds, to their summer habitations
in



Dear Beloved Friend November ye 26th 1769
I have now little to write haveing wrote largely by Captain
Falconer by whome I sent for thee a Box of plants & shrubs
in which I put two small harmless snakes I sent also a Barrel
in which I planted many Colocasia roots for ye King & thy self
I allso put two of our large Bull frogs perhaps male & female.
which if thay come safe & you have none of them before will
be a great inocent Curiosity for ye King: thay are very harmless
if thee wants any of them or any of our tortises I will endeavor
to send them. we have a great variety of ye water kinds that
is harmless beside ye mischievous snaping one that lives mostly
on fish & fowls when thay can catch them by surprise & thay
re very dexterous at it; thay creep all over in ye mud except
thair nose & when a fish swims over them thay snap him into
thair mouths allso when young ducks or gosl[illegible]gs swims over
near them thay catch hould of thair feet draws them under
water & devours them, & mankind catcheth all thay can of them not onely
to destroy them but thay esteem the stewed soup to be a delitious
morcel as most of ye others are.
I shall be well pleased if thy Nephew will undertake to receive
my salary & ye Cash for ye seed Boxes I shall send; for which I am
very willing to alow him full Commissions. if thee will please to let
me know by first opertunity. I intand to give him orders to receive
& give proper discharges
I remain thy true friend John Bartram

Doctor Fothergil

FIRST PAGE OF "TRAVELS"
by
WILLIAM BARTRAM
In the author's handwriting.

Reproduced from original in
South Kensington Museum.

2

LETTER
sent by
JOHN BARTRAM OF PHILADELPHIA
to
DR. FOTHERGILL IN LONDON
1769.

Reproduced from original in
South Kensington Museum.

3

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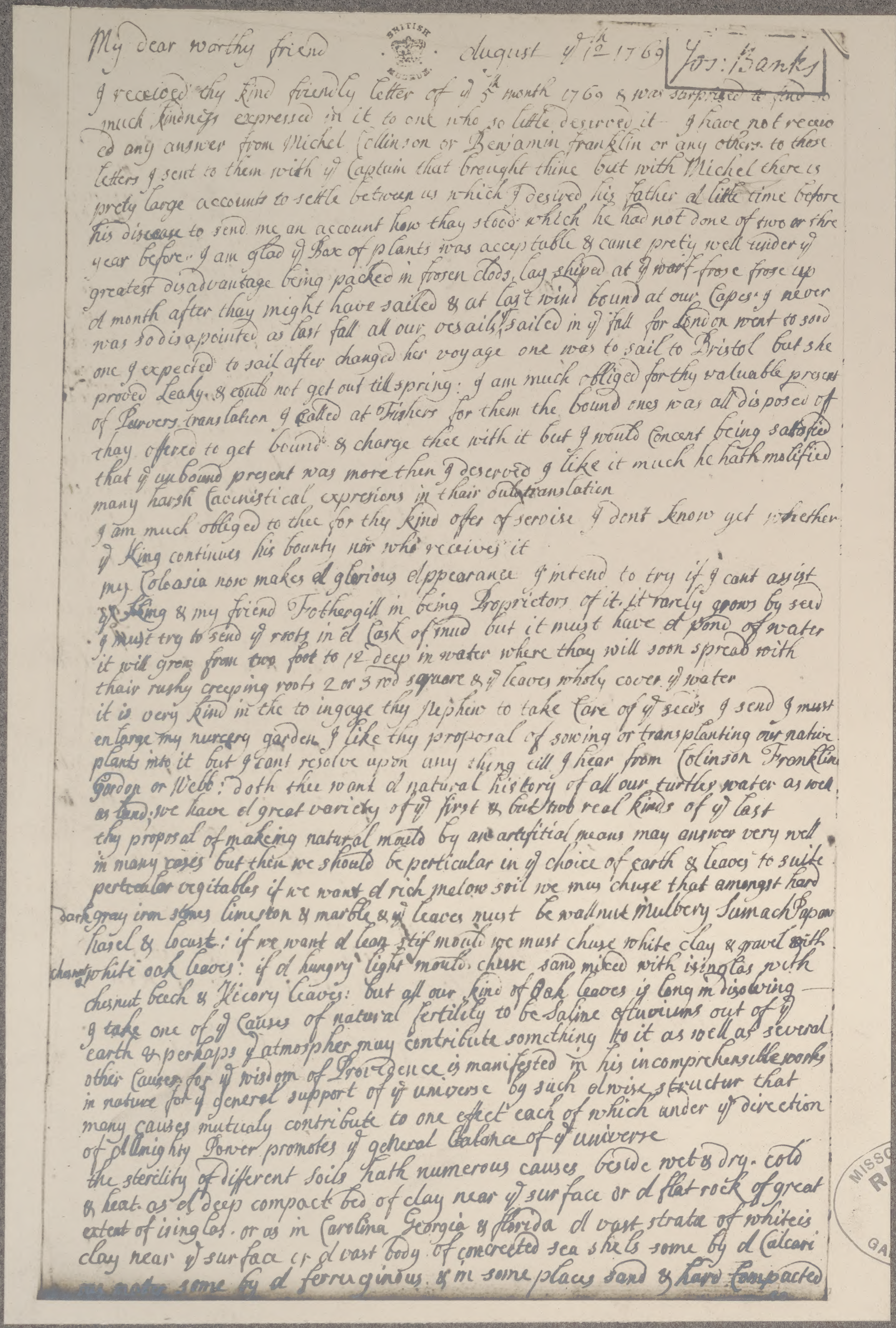
Bartram, William + John

Letter sent by John Bartram of Philadelphia
to Dr. Fothergill in London 1769.

MISSOURI BOTANICAL GARDEN LIBRARY

MISSOURI BOTANICAL GARDEN LIBRARY



My dear worthy friend   August ye 7th 1769   Jos: Banks

I receiced thy kind friendly letter of ye 5th month 1769 & was surprised to find so much kindness expressed in it to one who so little deserved it I have not received any answer from Michel Collinson or Benjamin Franklin or any others to those letters I sent to them with ye Captain that brought thine but with Michel there is prety large accounts to settle between us which I desired his father a little time before his disease to send me an account how thay stood which he had not done of two or thre year before. I am glad ye Box of plants was acceptable & came prety well under ye greatest disadvantage being packed in frosen clods, lay shiped at ye warf frose frose up a month after thay might have sailed & at last wind bound at our Capes. I never was so disapointed as last fall all our vesails yt sailed in ye fall for London went so soon one I expected to sail after changed her voyage one was to sail to Bristol but she proved Leaky & could not get out till spring: I am much obliged for thy valuable present of Purvers translation I called at Fishers for them the bound ones was all disposed of thay offered to get bound & charge thee with it but I would Concent being satisfied that ye unbound present was more then I deserved I like it much he hath molified many harsh Laconistical expresions in thair old translation

I am much obliged to thee for thy kind offer of servise I dont know yet whether ye King continues his bounty nor who receives it

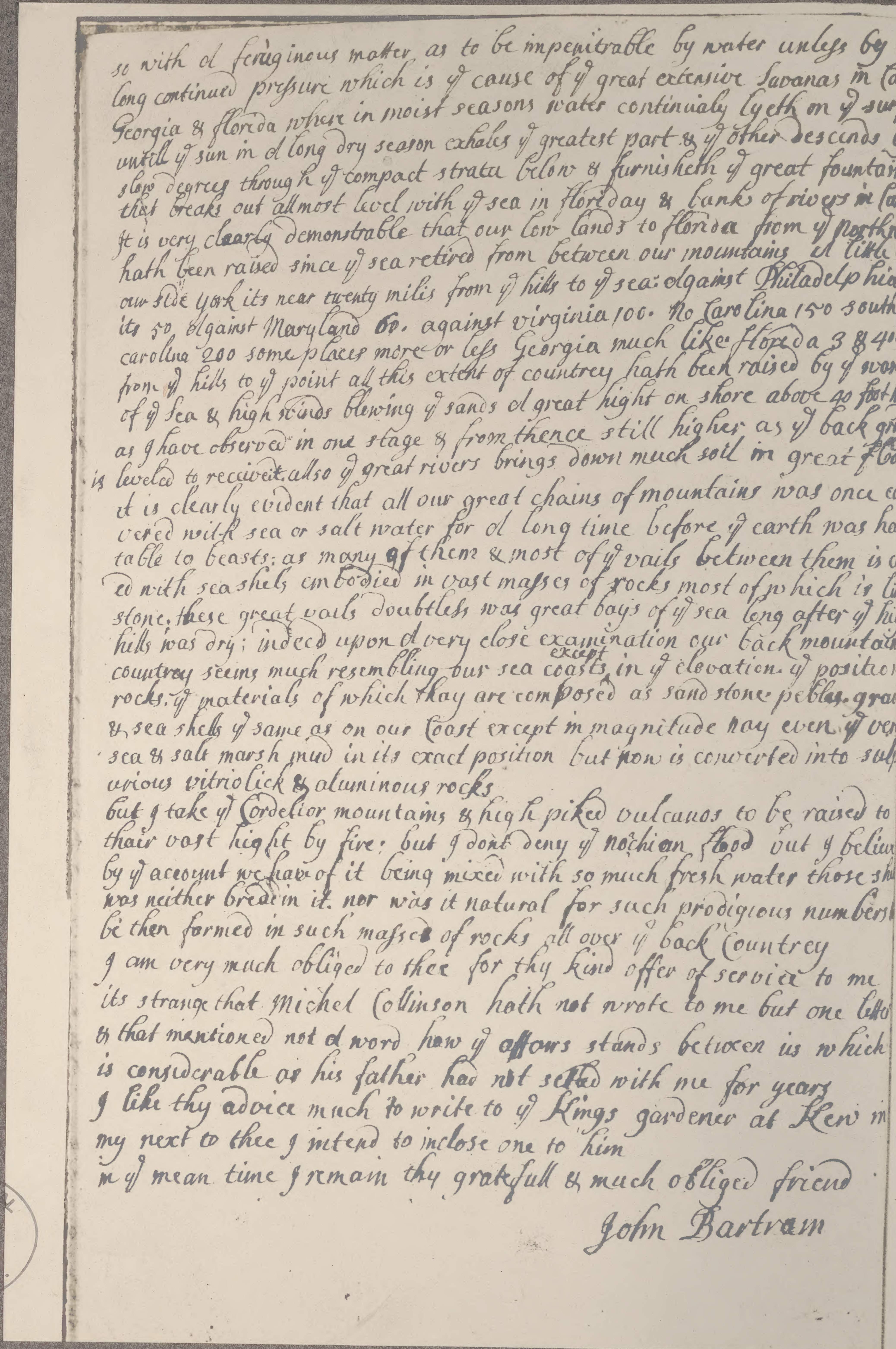
my Colcasia now makes a glorious appearance I intend to try if I cant assist ye King & my friend Fothergill in being Proprietors of it. it rarely grows by seed I must try to send ye roots in a Cask of mud but it must have a pond of water it will grow from two foot to 12 deep in water where thay will soon spread with thair rushy creeping roots 2 or 3 rod square & ye leaves wholy cover ye water

it is very kind in the to ingage thy Nephew to take Care of ye seeds I send I must enlarge my nursery garden I like thy proposal of sowing or transplanting our native plants into it but I cant resolve upon any thing till I hear from Colinson Franklin Gordon or Webb: doth thee want a natural history of all our turtles water as well as land; we have a great variety of ye first & but two real kinds of ye last

thy proposal of making natural mould by an artifitial means may answer very well in many cases but then we should be perticular in ye choice of earth & leaves to suite perticular vegitables if we want a rich melow soil we mus chuse that amongst hard dark gray iron stones limeston & marble & ye leaves must be wallnut Mulberry Sumach Papaw hasel & locust: if we want a lean stif mould we must chuse white clay & gravel with chang white oak leaves: if a hungry light mould chuse sand mixed with isinglas with chesnut beech & Hicory leaves: but all our kind of Oak leaves is long in disolving

I take one of ye Causes of natural fertility to be Saline effluviums out of ye earth & perhaps ye atmospher may contribute something to it as well as several other Causes for ye wisdom of Providence is manifested in his incomprehensible works in nature for ye general support of ye universe by such a wise structur that many causes mutualy contribute to one effect each of which under ye direction of Allmighty Power promotes ye general balance of ye universe

the sterility of different soils hath numerous causes beside wet & dry. cold & heat. as a deep compact bed of clay near ye surface or a flat rock of great extent of isinglas. or as in Carolina Georgia & florida a vast strata of whiteish clay near ye surface or a vast body of concreted sea shels some by a Calcarious matter some by a ferruginous & in some places sand & hard compacted



so with a feriginous matter as to be impenitrable by water unless by a long continued pressure which is ye cause of ye great extensive Savanas in Car Georgia & florida where in moist seasons water continualy lyeth on ye surf untill ye sun in a long dry season exhales ye greatest part & ye other descends by slow degrees through ye compact strata below & furnisheth ye great fountains that breaks out allmost level with ye sea in floriday & banks of rivers in Car

It is very clearly demonstrable that our low lands to florida from ye Northri hath been raised since ye sea retired from between our mountains a little o our side york its near twenty miles from ye hills to ye sea: against Philadelphia its 50 against Maryland 60. against virginia 100. No Carolina 150 south carolina 200 some places more or less Georgia much like floreda 3 & 400 from ye hills to ye point all this extent of countrey hath been raised by ye wash of ye Sea & high winds blowing ye sands a great hight on shore above 90 foot hig as I have observed in one stage & from thence still higher as ye back gro is leveled to receive it. allso ye great rivers brings down much soil in great floo

it is clearly evident that all our great chains of mountains was once covered with sea or salt water for a long time before ye earth was ha table to beasts: as many of them & most of ye vails between them is c ed with sea shels embodied in vast masses of rocks most of which is lim stone. these great vails doubtless was great bays of ye sea long after ye hig hills was dry; indeed upon a very close examination our back mountain countrey seems much resembling our sea coasts except in ye elevation. ye position rocks. ye materials of which thay are composed as sand stone pebles grav & sea shells ye same as on our Coast except in magnitude nay even ye ver sea & salt marsh mud in its exact position but now is converted into sulp urious vitriolick & aluminous rocks

but I take ye Cordelior mountains & high piked vulcanos to be raised to thair vast hight by fire: but I dont deny ye Noachian flood but I believe by ye account we have of it being mixed with so much fresh water those sh was neither bred in it. nor was it natural for such prodigious numbers be then formed in such masses of rocks all over ye back Countrey

I am very much obliged to thee for thy kind offer of service to me

its strange that Michel Collinson hath not wrote to me but one lette & that mentioned not a word how ye affairs stands between us which is considerable as his father had not setled with me for years

I like thy advice much to write to ye Kings gardener at Kew in my next to thee I intend to inclose one to him

in ye mean time I remain thy gratefull & much obliged friend

John Bartram

MISSOURI BOTANICAL GARDEN LIBRARY RECEIVED

TWO PAGE FOLIO LETTER
Sent by
JOHN BARTRAM to DR. FOTHERGILL
in 1769.

Reproduced from original in
South Kensington Museum.

HA1

Bartram, William and John

Reproductions of specimens, letters, drawings....

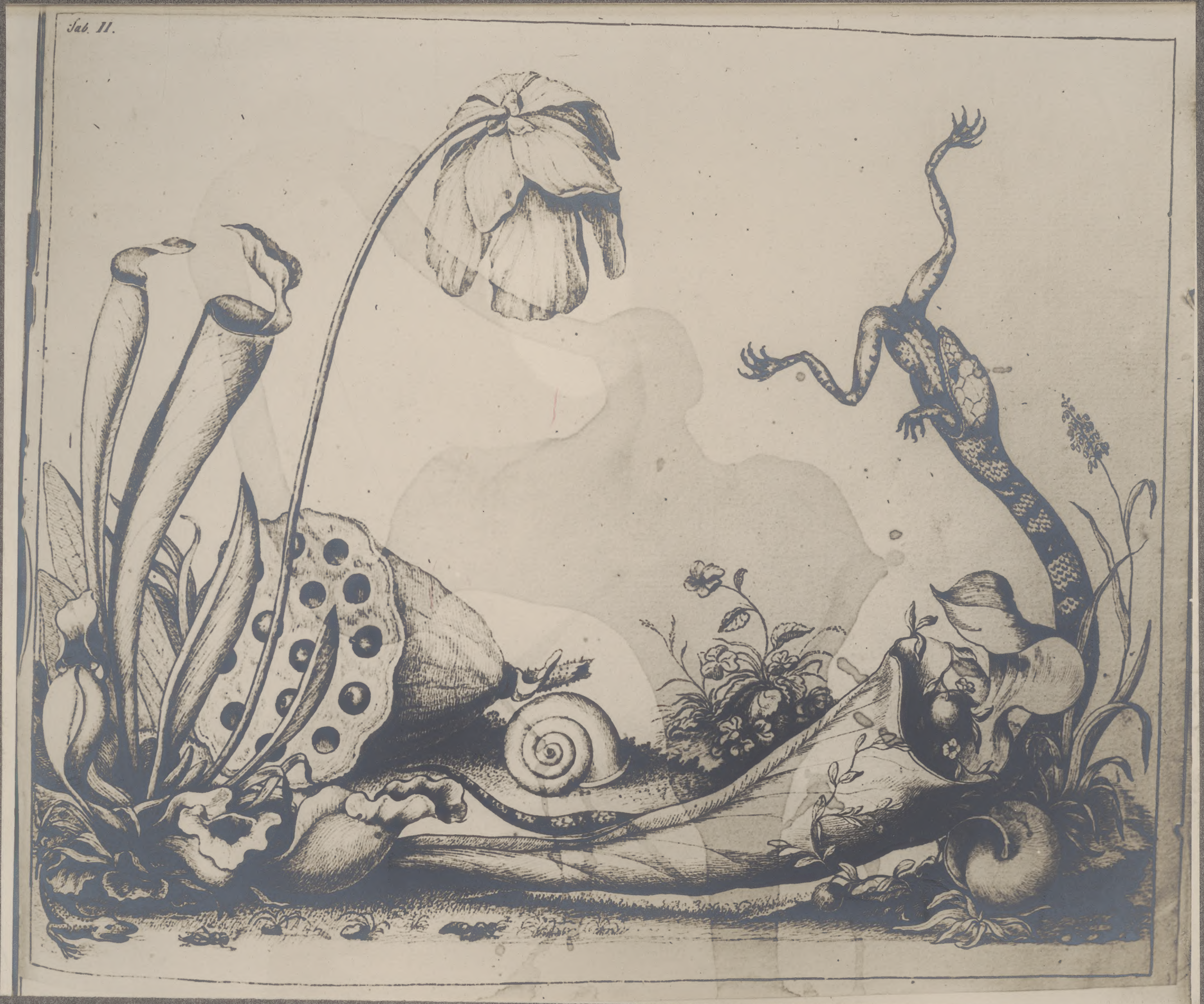
1) herbarium spec. sent by John Bartram
to Sir Hans Sloane - (1742-43)

2) letters from John Bartram to Dr Fothergill —

3) front page Wm Bartrams diary....

4) remainder black + white drawings of
plants sent by Wm Bartram to Dr Fothergill

(Two page folio letter
sent by
John Bartram to Dr Fothergill
in 1769



LINE DRAWING
Made by WILLIAM BARTRAM, PHILA.
and forwarded to
DR. FOTHERGILL, LONDON.
This study is of special interest as showing the capacity which William Bartram had for the natural grouping of objects, and depicts several of our most notable native plants and animals.
Original in South Kensington Museum.

5

5)

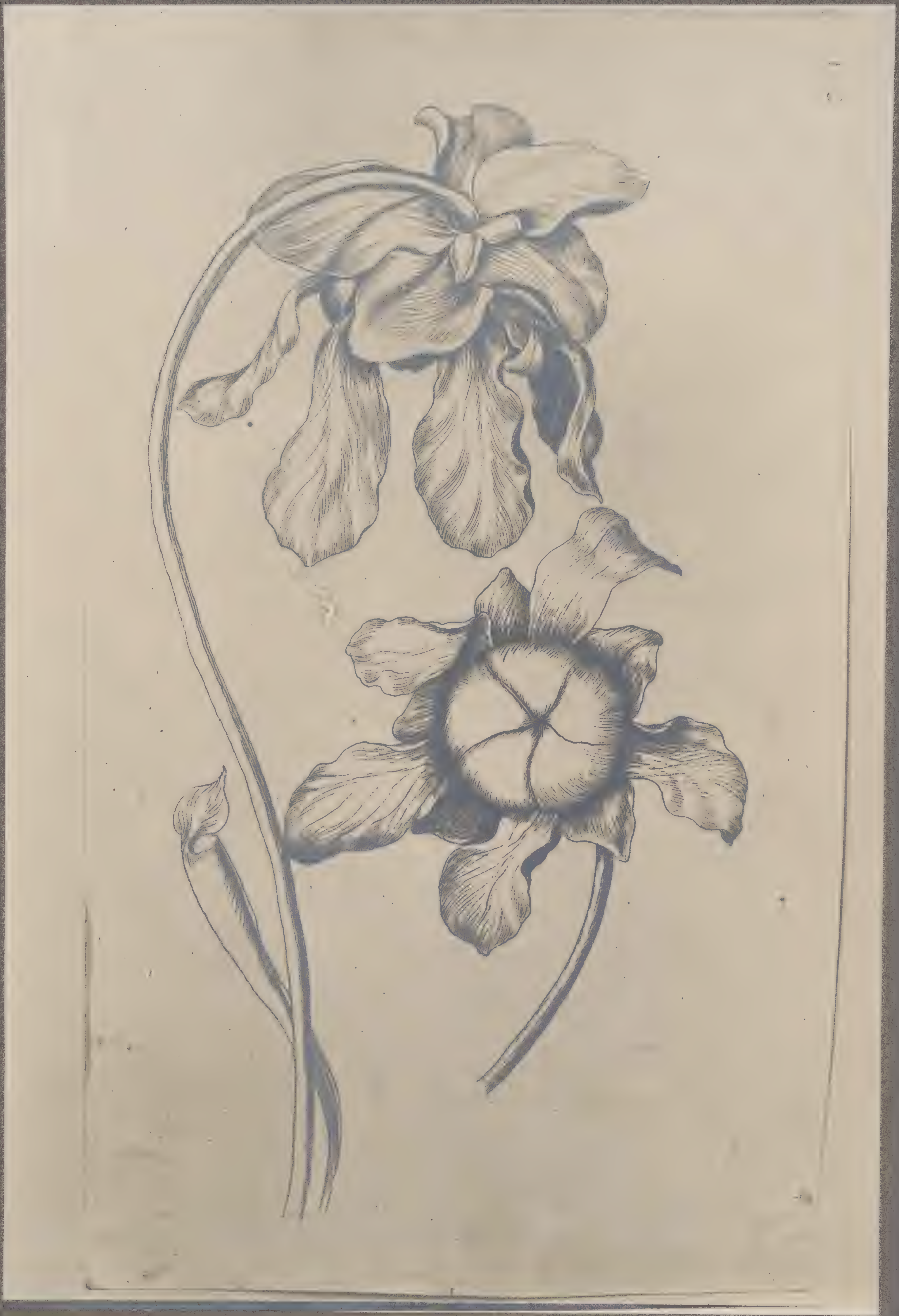
a1

Bartram William + John

Reproduction of specimens letters drawings

John Sloane — ... Dr. Fothergill

(Line drawing made by William Bartram
and forwarded to
Dr. Fothergill, London -)



LINE DRAWING
made by
WILLIAM BARTRAM
of
AMERICAN PITCHER PLANT (SARRACENIA FLAVA)

The original was sent by William Bartram to Dr. Fothergill and is now in South Kensington Museum.

SOURI BOTANICAL
LIBRARY

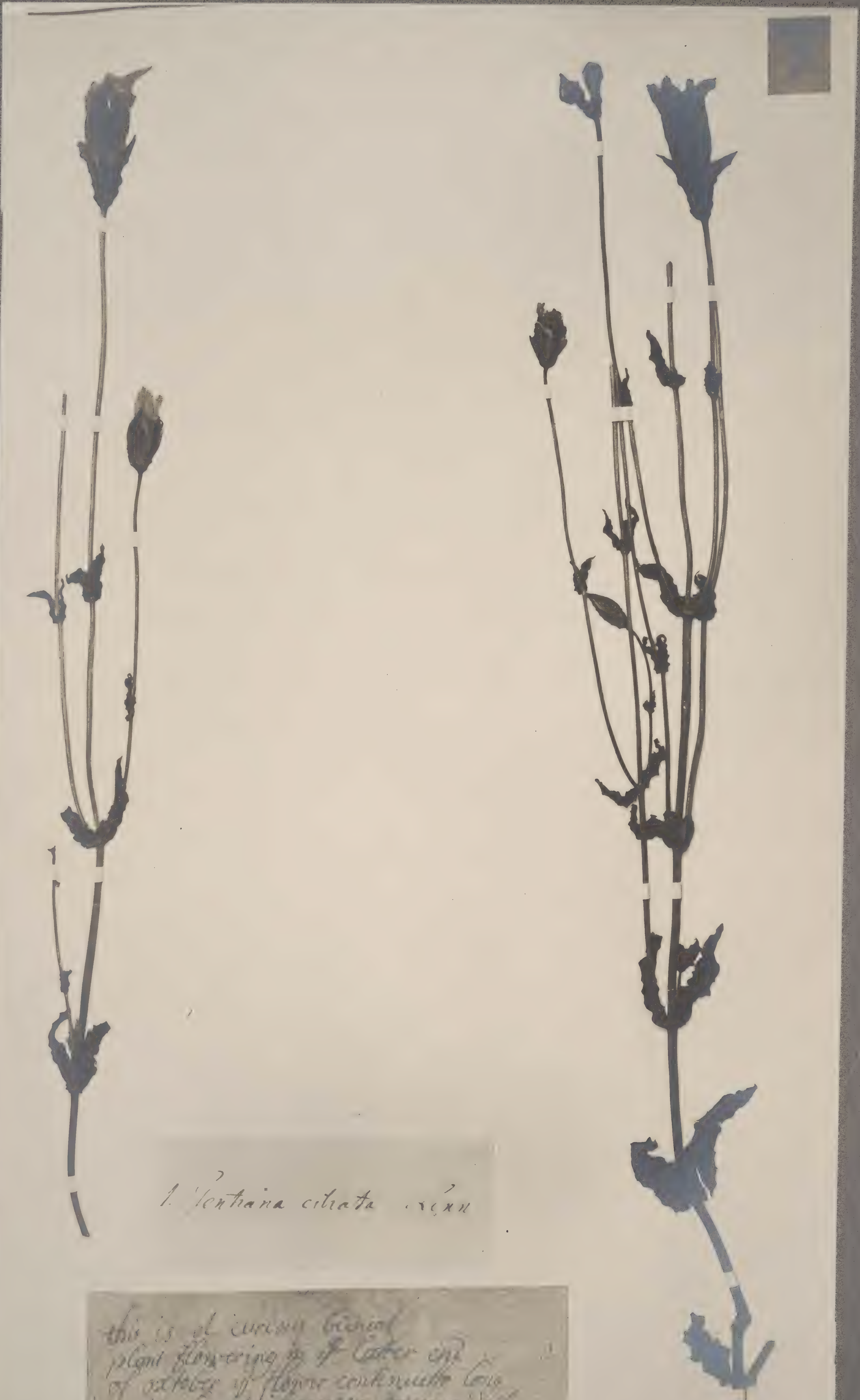
HA1

Bartram, William - John

Line drawing made by W.m Bartram

American pitcher plant (Sarracenia flava)

6



1. Gentiana ciliata Linn

this is a curious blewish
plant flowering in ye latter end
of october ye flower continuethe long
in the county of sussex pressing doth
not destroy it proceeding in ye meane
in ye [illegible] manner
time ye seed per Ligamen [illegible] Charltons fresh

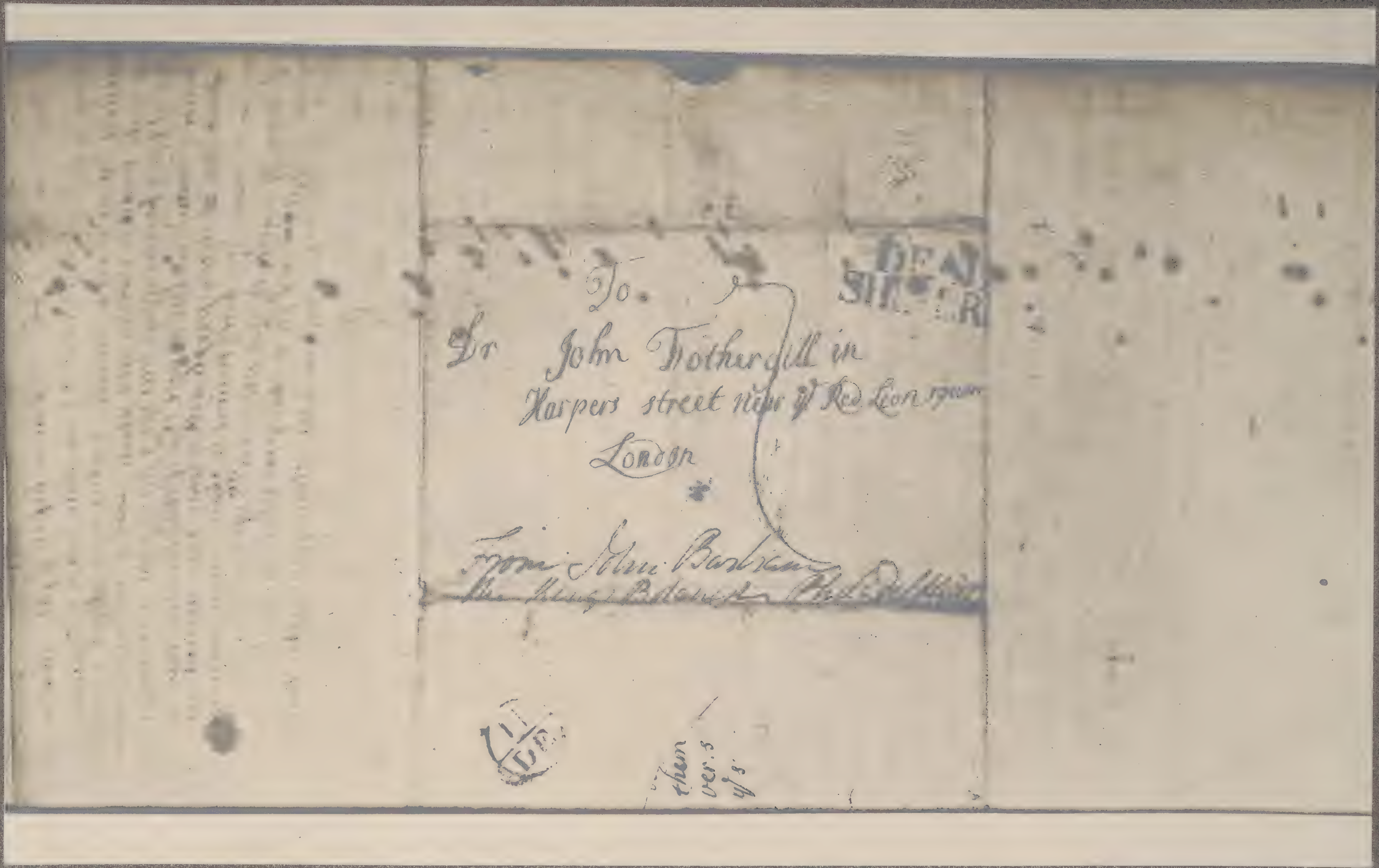
MVSEVM
BRITAN

A!

HERBARIUM SPECIMEN OF FRINGED GENTIAN
(GENTIANA CRINITA)

Forwarded by John Bartram to Sir Hans Sloane in 1742-43 and bearing descriptive legend in Bartram's handwriting.

Reproduced from original in
South Kensington Museum.



To.
Dr John Fothergill in
Harpers street near ye Red Lion squ
London

From John Bartram
the Kings Botanist [illegible]

LETTER ADDRESS
forwarded by
JOHN BARTRAM to DR. FOTHERGILL
1769.

Reproduced from original in
South Kensington Museum.

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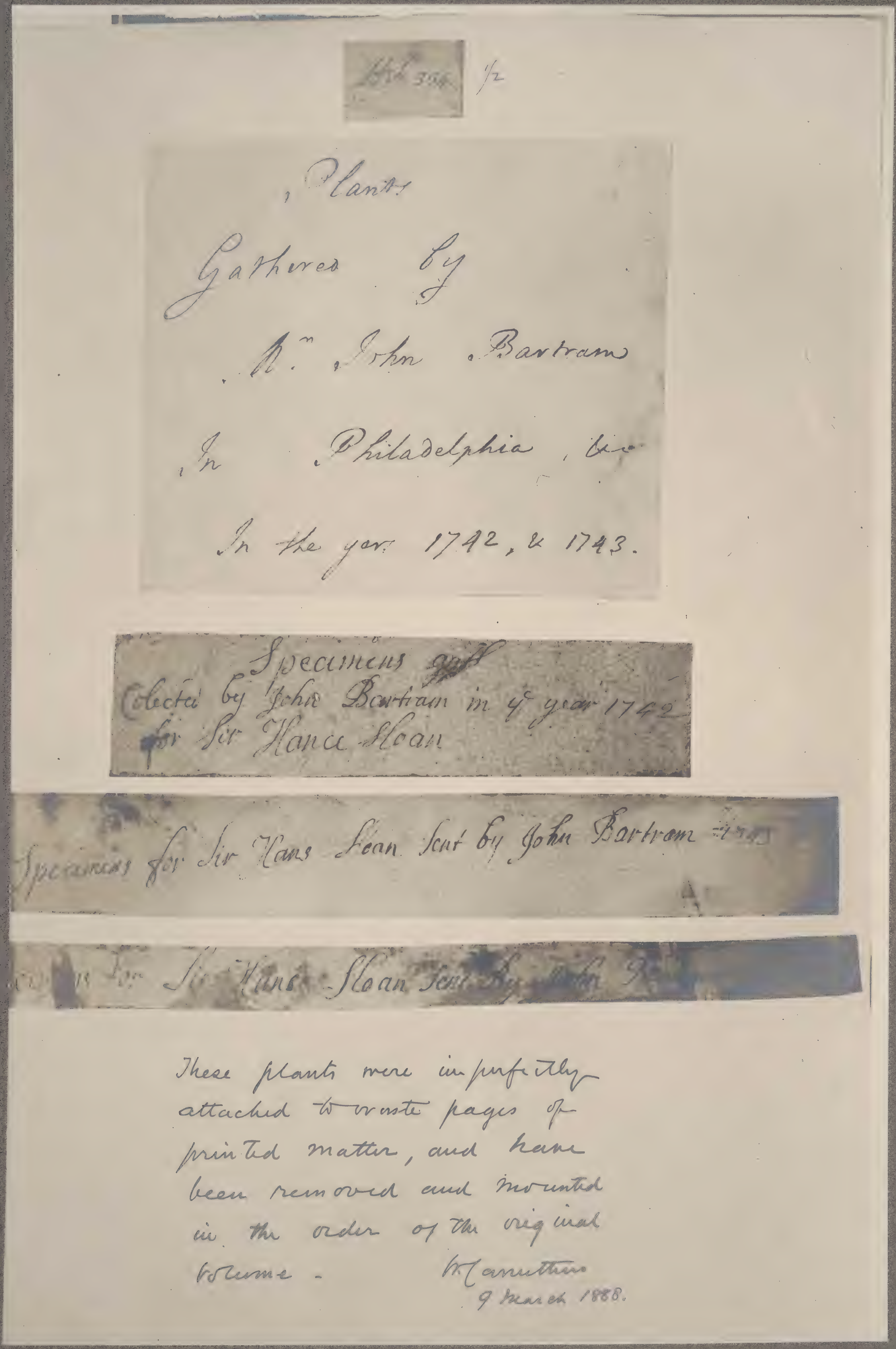


H.S. 308 1/2

Plants
Gathered by
Mr John Bartram
In Philadelphia &c
In the year 1742, & 1743.

Specimens
Colected by John Bartram in ye year 1742
for Sir Hance Sloan

Specimens for Sir Hans Sloan Sent by John Bartram 1743

n for Sir Hans Sloan Sent By John B

These plants were imperfectly
attached to waste pages of
printed matter, and have
been removed and mounted
in the order of the original
volume -

W Carruthers
9 March 1888.

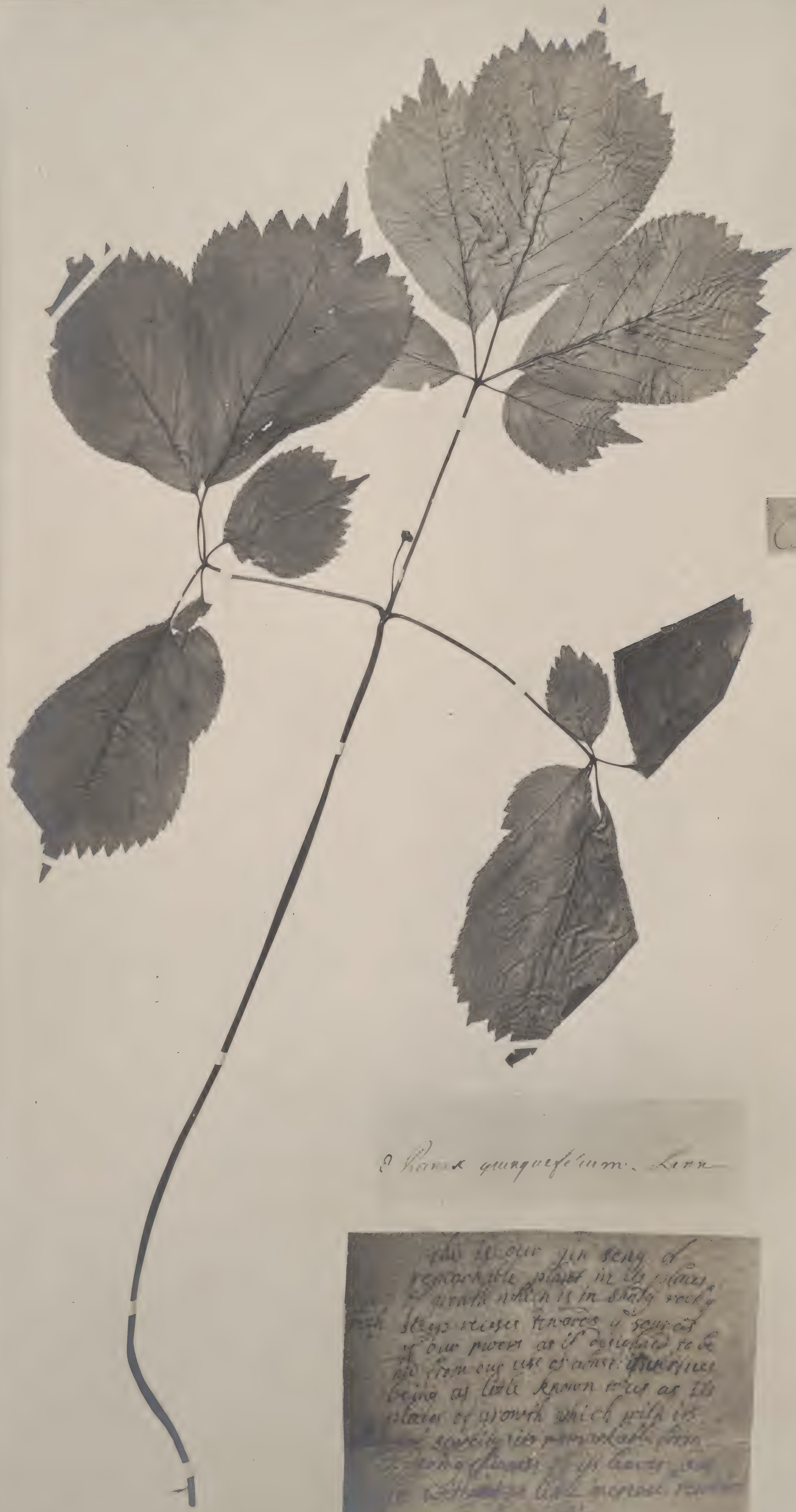
A1

Bartram, William - John

(The great folio volume of herbarium specimens)

TITLE PAGE
FOLIO VOLUME OF HERBARIUM SPECIMENS

Collected by JOHN BARTRAM of Philadelphia in 1742-43 and forwarded by him to Sir Hans Sloane, a London botanist. The six herbarium specimens represented in the set were taken from this volume and are now in South Kensington Museum.



(8)

Panax quinquefolium. Linn

This is our gin seng ye
remarkable plant in its places
of growth which is in shady rocky
steep recesses towards ye sources
of our rivers as if designed to be
hid from our use or sight. [illegible]
being as little known to us as its
places of growth which with its
[illegible] remarkable form
[illegible] flowers [illegible] leaves [illegible]
[illegible]
[illegible]

A 1

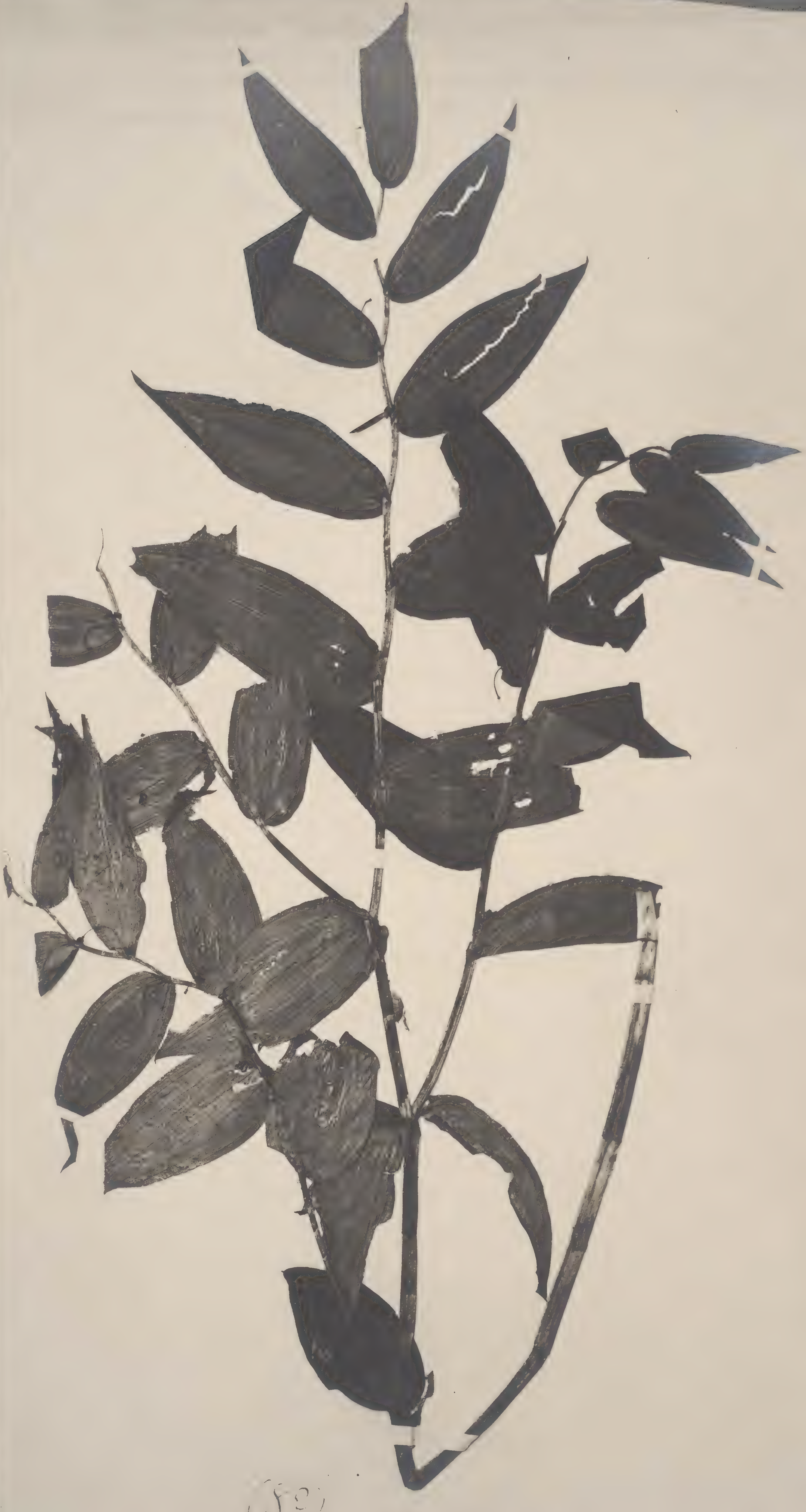
Frontispiece

Herbarium specimen of the ginseng
(Panax quinquefolia)

HERBARIUM SPECIMEN OF GINSENG
(PANAX QUINQUEFOLIA)

Forwarded by John Bartram to Sir Hans Sloane in 1742-43 and bearing descriptive legend in Bartram's handwriting.

Reproduced from original in
South Kensington Museum.



(58)

this kind grows plenti
fully in ye countrey of
ye 5 nations

A1

Bartram, J. [illegible] [illegible]

Herbarium specimen of twisted stalk
(Streptopus amplexifolius)

HERBARIUM SPECIMEN OF TWISTED STALK
(STREPTOPUS AMPLEXIFOLIUS)

Forwarded by John Bartram to Sir Hans Sloane in 1742-43 and bearing descriptive legend in Bartram's handwriting.

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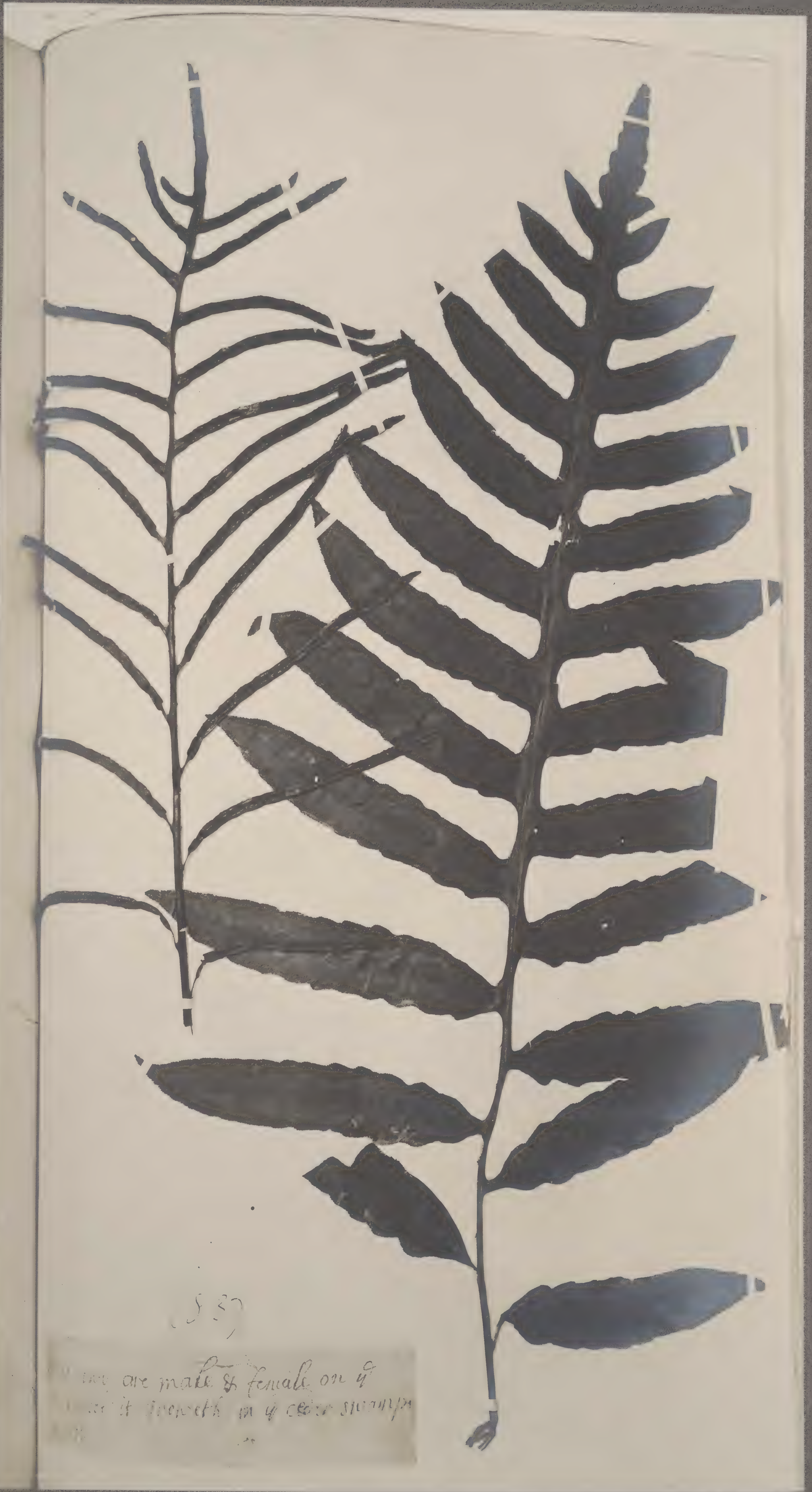
South Kensington Museum.



(53)

[illegible] are male & female on ye
[illegible] it groweth in ye cedar swamps

A1

[illegible]

12 ✓

③

HERBARIUM SPECIMEN OF CHAIN FERN
(WOODWARDIA AREOLATA)

Forwarded by John Bartram to Sir Hans Sloane in 1742-43 and bearing descriptive legend in Bartram's handwriting.

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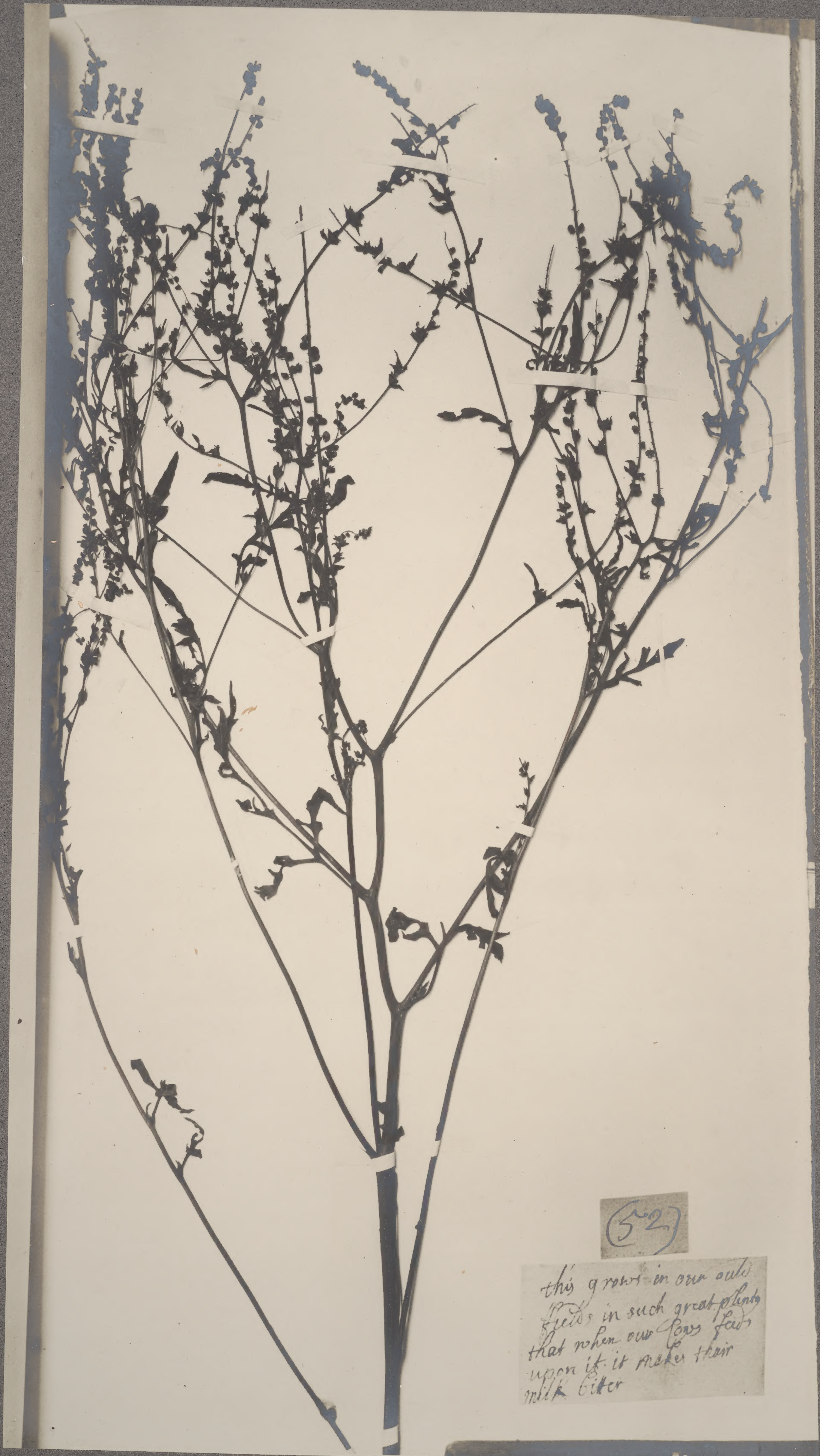
South Kensington Museum.



(52)

this grows in our oute
fields in such great plenty
that when our Cows feeds
upon it it makes their
milk bitter

HA1

Bartram, William + John

Herbarium specimen of cut leaved ragweed.
(Ambrosia Artemisiaefolia)

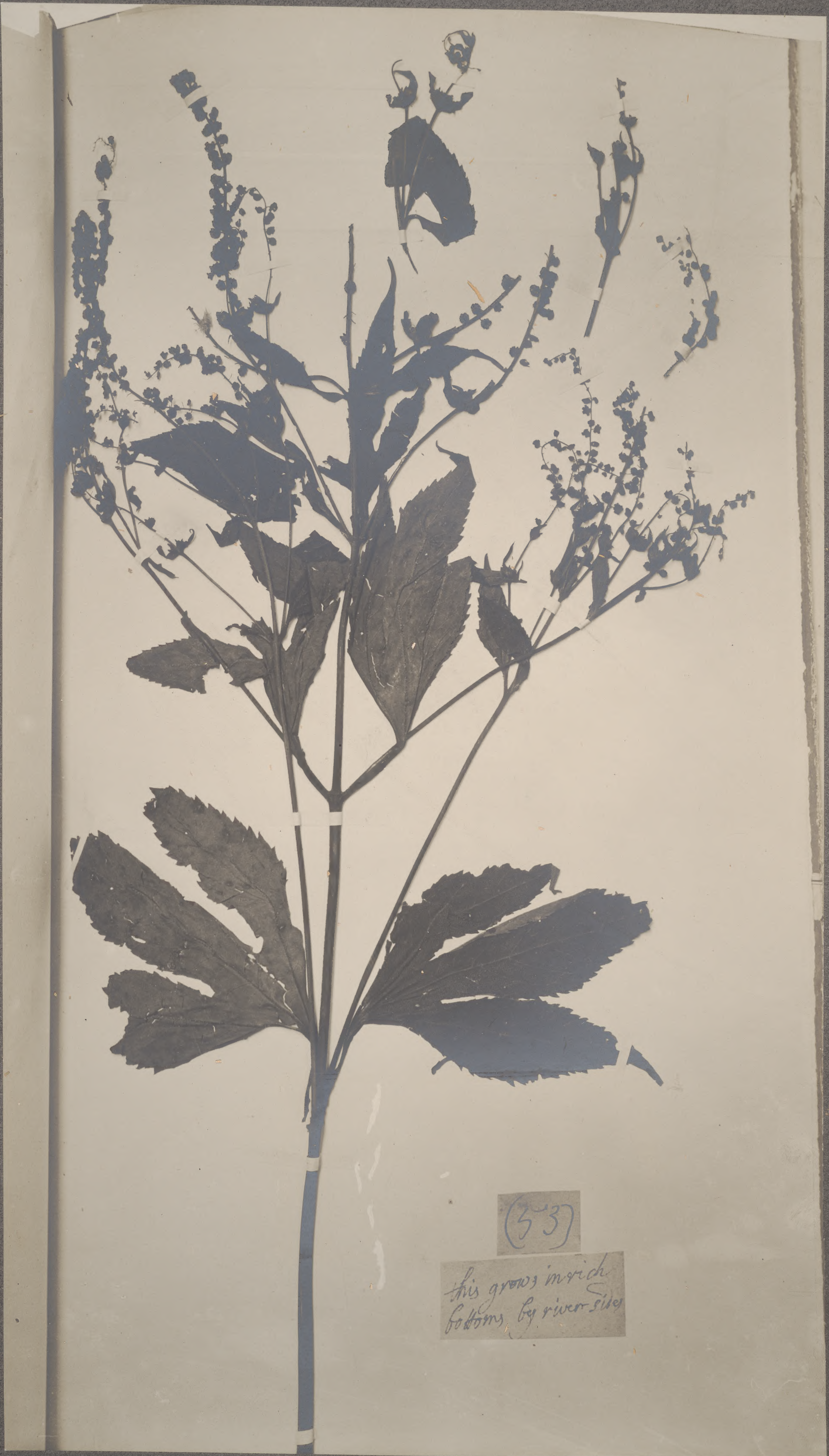
13 ④

HERBARIUM SPECIMEN OF CUT LEAVED RAGWEED
(AMBROSIA ARTEMISIAEFOLIA)

Forwarded by John Bartram to Sir Hans
Sloane and bearing descriptive legend
in Bartram's handwriting.

Reproduced from original in
South Kensington Museum.

-13



(53)

this grows in rich
bottoms by river sides

A1

Bartram, William & John

Herbarium specimen of lobed ragweed
(Ambrosia Trifida)

14

②

HERBARIUM SPECIMEN OF LOBED RAGWEED
(AMBROSIA TRIFIDA)

Forwarded by John Bartram to Sir Hans Sloane in 1742-43 and bearing descriptive legend in Bartram's handwriting.

Reproduced from original in
South Kensington Museum.

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